

said elongated electrical conductors remain in said substantially perpendicular direction when said substrate is moved towards a contact surface so that said enlarged ends are pressed against said contact surface.

REMARKS

Reconsideration is respectfully requested in view of any changes to the claims and the remarks herein. Please contact the undersigned to conduct a telephone interview in accordance with MPEP 713.01 to resolve any remaining requirements and/or issues prior to sending another Office Action. Relevant portions of MPEP 713.01 are included on the signature page of this amendment.

Claims 16, 22, 36, 44, 38-42 and 49 are pending in the application.

Claims 36 and 38-42 are allowed.

Claim 44 has been rejected under 35 USC 112. Support for "said first layer inhibits oxidation and diffusion at temperatures up to 200 " as recited in claim 44 is found in claim 40. In view thereof, withdrawal of this rejection is respectfully requested.

Claim 44 has been further amended to recite that a sheet of material is disposed over the electrically conductive members and is spaced apart from the surface of the substrate and that the base, tip of and electrical conductor form a stud.

Claim 49 has been rejected in the 35 USC 112. In the second last line, "said enlarged tip" has been replaced by "said enlarged end" for which there is antecedent basis in line 6. In the second last line, "said second surface" has been replaced by "said

second side" for which there is antecedent basis in line 7. In view thereof, withdrawal of this rejection is respectfully requested.

Claims 16, 22 and 49 have been rejected under 35 USC 102(b) as anticipated by Zifcak et al. Each of claims 16, 22, 44 and 49 have been amended to recite "in a substantially perpendicular direction with respect to said surface" and "said elongated electrical conductors remain in said substantially perpendicular direction when said substrate is moved towards a contact surface so that said enlarged ends are pressed against said contact surface".

Zifcak has no such teaching. Zifcak teaches away from elongated conductors which are substantially perpendicular remaining perpendicular when the surface upon which the conductors are supported is pressed towards another surface in order for the ends of the elongated conductors to be pressed against the second surface. All of the embodiments of Zifcak show the conductor moving. For example, Fig. 6 of Zifcak shows conductor 22 which is perpendicular to the surface of substrate 16 moving into a nonperpendicular arrangement as shown in Fig. 6a with respect to the surface of substrate 16 when the connector 12 is compressed between substrates 14 and 16. Also, applicants claims 16, 22, 44 and 49 recite that one end of the elongated conductor is fixed to the surface of the substrate. Zifcak teaches away from the elongated conductor remaining in a substantially perpendicular direction since in all of Zifcak's both ends 22, 28 elongated conductor Fig 6 move with respect to substrates 14 and 16 as shown in Fig 6A. Thus, applicant's invention is neither anticipated nor obvious in view of Zifcak alone or in combination with the other references.

In view of the changes to the claims and the remarks herein, the Examiner is respectfully requested to reconsider the above-identified application. If the Examiner

Y0995-023XX

5

Ser. No. 08/756,830



wishes to discuss the application further, or if additional information would be required, the undersigned will cooperate fully to assist in the prosecution of this application.

Please charge any fee necessary to enter this paper to deposit account 09-0468.

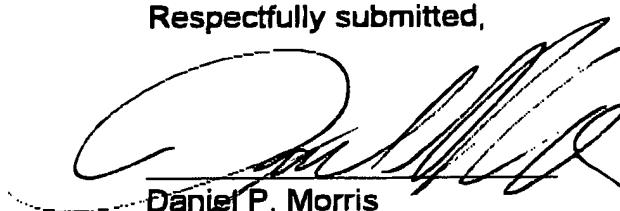
If the above-identified Examiner's Action is a final Action, and if the above-identified application will be abandoned without further action by applicants, applicants file a Notice of Appeal to the Board of Appeals and Interferences appealing the final rejection of the claims in the above-identified Examiner's Action. Please charge deposit account 09-0468 any fee necessary to enter such Notice of Appeal.

In the event that this amendment does not result in allowance of all such claims, the undersigned attorney respectfully requests a telephone interview at the Examiner's earliest convenience.

MPEP 713.01 states in part as follows:

Where the response to a first complete action includes a request for an interview or a telephone consultation to be initiated by the examiner, ... the examiner, as soon as he or she has considered the effect of the response, should grant such request if it appears that the interview or consultation would result in expediting the case to a final action.

Respectfully submitted,



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Y0995-023XX

7

Ser. No. 08/756,830